

BHURAT BANGALORE MAHANAGARA PALIKE

Modified Schedule - B

Name Of Work: Modified Estimates for the work of Improvements to drains and
 Asphalting to Abbigere area and Shettyhalli area in ward no.12 Shettyhalli Sub Division (2
WorksP Package No: DZ/2017-18(01) (Improvements to Roads and Asphalting to
 Abbigere area Forest road & Shettyhalli area, Raghavendra Layout main road in ward
 no.12 Shettyhalli Sub Division

SL NO	Items	Unit	Qty	Rate	
				In Rs	In Words
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification No.301 Loading and unloading with 10km lead	Cum	2667.30	97.32	Rupees Ninety Seven And Thirty Two Paise Only
2	KSRRB 300-58. Compaction of Original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery Complete as per specifications Morth/ Chapter	Sqm	9000.40	5.93	Rupees Five And Ninety Three Paise Only
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision	Cum	1230.36	1731.66	Rupees One Thousand Seven Hundred Thirty One And Sixty Six Paise Only
4	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	1852.84	1979.72	Rupees One Thousand Nine Hundred Seventy Nine And Seventy Two Paise Only

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EXECUTIVE ENGINEER
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 Bangalore-560057

Items	Unit	Qty	Rate	
			In Rs	In Words
5 KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM, including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	Sqm	22297.60	30.86	Rupees Thirty And Eighty Six Paise Only
6 KSRRB 500-2. Cleaning the existing black topped surface with brooms and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm	21109.60	3.56	Rupees Three And Fifty Six Paise Only
7 KSRRB 500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm	21109.60	13.06	Rupees Thirteen And zero Six Paise Only
8 KSRRB M500-11 : Providing and laying bituminous Macamdams on prepared surface with crushed coarse aggregates as design mix for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity transporting the mixed material in tipper to paver and laying mixed materials paver finisher to the required level and grade, rolling by power roller to achieve the desired density but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour HOM of machineries complete as per specifications using TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen	Cum	1055.48	6210.95	Rupees Six Thousand Two Hundred Ten And Ninety Five Paise Only

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Dasarahalli Division, Bangalore-560057

	Items	Unit	Qty	Rate	
				In Rs	In Words
9	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen	Cum	730.63	15263.48	Rupees Fifteen Thousand Two Hundred Eighty Three And Forty Eight Paise Only
10	Add Plastic to Bituminous Concrete 8% of Bitumen	kg.s	8798.74	30.23	Rupees Thirty And Twenty Three Paise Only
11	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 80	Sqm	1035.15	617.68	Rupees Six Hundred Seven And Sixty Eight Paise Only
12	Lead charges for conveying the excavated earth including loading and unloading upto 10kms as per directions	Cum	2667.30	118.69	Rupees One Hundred Eighteen And Sixty Nine Paise Only
13	Stone Dust / Grit 4.75mm to 0.075 mm KSRRB M100-1 Loading and Unloading of Stone Boulder/Stone aggregates /Sand /Kanker /Moorum2	Cum	643.32	1336.64	Rupees One Thousand Three Hundred Thirty Six And Sixty Four Paise Only

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Contractor

Executive Engineer
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Dharahalli District
Bhadracharya District
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